

ABSTRACT

A vibration type brushless motor A1 in a structure of brushless motor having an outer rotor type core is composed of a shaft 3 of which a bottom end 3a is held by a bearing member 6 so as to rotate freely and a top end 3b is fixed to a center of rotation of a rotor yoke 1, a ring core 4 arranged around the shaft 3 and a rotor yoke 1 having a side section 1b of which a part is cut off radially to the outer circumference direction from the center fixed with the top end 3b of the shaft 3, wherein a semi-annular magnet 2 is fixed to the rotor yoke 1 along the side section 1b with facing the ring core 4.